

  
**INTER COUNTY**  
ENERGY COOPERATIVE

A Touchstone Energy Cooperative 

March 23, 2012

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MAR 27 2012

PUBLIC SERVICE  
COMMISSION

Mr. Reggie Chaney  
Director of Engineering  
Kentucky Public Service Commission  
P. O. Box 615  
Frankfort, KY 40602-0615

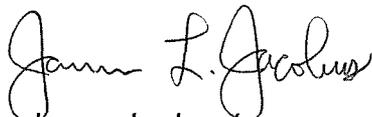
**Re: ADMINISTRATIVE CASE NO. 2006-00494 – AN INVESTIGATION OF  
THE RELIABILITY MEASURES OF KENTUCKY’S JURISDICTIONAL  
ELECTRIC DISTRIBUTION UTILITIES AND CERTAIN RELIABILITY  
MAINTENANCE PRACTICES**

Dear Mr. Chaney:

Enclosed is Inter-County Energy Cooperative’s Annual Report of Reliability pursuant to the Public Service Commission’s Order dated October 26, 2007 for Case No. 2006-00494.

If you have any further questions or comments, please direct those to Chris Asbery, EIT, Electrical Engineer. His direct line is 859-936-7857 or email to [C\\_asbery@intercountyenergy.net](mailto:C_asbery@intercountyenergy.net).

Sincerely,



James L. Jacobus  
President/CEO

**INTER**  **COUNTY**  
**ENERGY COOPERATIVE**

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PUBLIC SERVICE  
COMMISSION

**Administrative**  
**Case No. 2006-00494**

**INTER-COUNTY ENERGY  
COOPERATIVE CORPORATION**  
P.O. Box 87 • Danville, KY 40423-0087  
Phone: (859) 236-4561 • Fax: (859) 236-3627

# **INTER-COUNTY ENERGY COOPERATIVE**

**Administrative Case No. 2006-00494**

## **CONTENT**

Electric Distribution Utility Annual Reliability Report

- Contact Information
- Report Year
- Major Event Days
- System Reliability Results
- Outage Cause Categories
- Worst Performing Circuits
- Vegetation Management Plan Review
- Utility Comments



# Electric Distribution Utility Annual Reliability Report

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## SECTION 5: OUTAGE CAUSE CATEGORIES

Excluding MED

CAUSE CODE DESCRIPTION	SAIDI VALUE	CAUSE CODE DESCRIPTION	SAIFI VALUE
lightning 5.1.1	26.03	lightning 5.2.1	0.4117
high wind 5.1.2	22.17	high wind 5.2.2	0.2341
equipment failure 5.1.3	10.53	equipment failure 5.2.3	0.1617
rain, ice and snow, or 15.1.4	9.42	caused by others 5.2.4	0.0824
cars and trucks 5.1.5	5.25	rain, ice and snow, or 15.2.5	0.0669
caused by others 5.1.6	4.14	cars and trucks 5.2.6	0.0623
animals 5.1.7	3.53	animals 5.2.7	0.0437
trees 5.1.8	3.14	trees 5.2.8	0.0311
deteriated installation 5.1.9	1.07	deteriated installation 5.2.9	0.0099
trees cut into distributik 5.1.10	0.53	trees cut into distributik 5.2.10	0.0069

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## SECTION 6: WORST PERFORMING CIRCUITS

CIRCUIT IDENTIFIER	SAIDI VALUE	MAJOR OUTAGE CATEGORY
Spencer Hamilton - Loretto 6.1.1	329.23	Equipment failure
Little South - Peyton Store 6.1.2	307.07	High Wind
Lexington Road - Lancaster 6.1.3	284.92	Lightning
Ottenham - Highland 6.1.4	253.81	High Wind
Crab Orchard - Gooch 6.1.5	239.89	Cars and Trucks
Mitchelsburg - Perryville 6.1.6	163.06	Equipment failure
Gravel Switch - Perryville 6.1.7	144.47	Equipment failure
Makers Mark - Loretto 6.1.8	137.35	Equipment failure
Jacktown - Peyton Store 6.1.9	132.79	Trees
Danville - Lebanon 6.1.10	121.45	Equipment failure

CIRCUIT IDENTIFIER	SAIFI VALUE	MAJOR OUTAGE CATEGORY
Lexington Road - Lancaster 6.2.1	3.928	Lightning
Spencer Hamilton - Loretto 6.2.2	3.644	Equipment failure
Crab Orchard - Gooch 6.2.3	3.272	Cars and Trucks
Jacktown - Peyton Store 6.2.4	1.917	Trees
Alum Springs - Shelby City 6.2.5	1.875	High Wind
Gravel Switch - Perryville 6.2.6	1.688	Equipment failure
Buckeye - Lancaster 6.2.7	1.676	Lightning
Danville - Lebanon 6.2.8	1.555	Equipment failure
Makers Mark - Loretto 6.2.9	1.464	Equipment failure
Ottenham - Highland 6.2.10	1.349	High Wind

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# Electric Distribution Utility Annual Reliability Report

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Additional pages may be attached as necessary

## SECTION 7: VEGETATION MANAGEMENT PLAN REVIEW

Inter-County Energy completed the fourth year of its 5 year vegetation management plan. Inter-County Energy is on schedule to complete its 5 year vegetation management plan within the 5 year plan period.

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## SECTION 8: UTILITY COMMENTS

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